

INTERNATIONAL SEARCH REPORT

Intern: Application No
PCT/SE2004/001091

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07K14/47 A61K38/17 C12N15/12 C12N5/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C12N C07K A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, WPI Data, MEDLINE, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | JUAREZ JOSE C ET AL: "Histidine-proline-rich glycoprotein has potent antiangiogenic activity mediated through the histidine-proline-rich domain" CANCER RESEARCH, vol. 62, no. 18, 15 September 2002 (2002-09-15), pages 5344-5350, XP002310791 ISSN: 0008-5472 cited in the application page 5347, left-hand column; figures 1,5 | 1-31 |
| X | WO 02/076486 A (INNOVENTUS PROJECT AB ; OLSSON ANNA-KARIN (SE); WELSH LENA CLAESSON (S) 3 October 2002 (2002-10-03) cited in the application page 33 - page 34; figure 3; example 16 ----- -/-- | 1-31 |



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- "&" document member of the same patent family

Date of the actual completion of the international search

15 December 2004

Date of mailing of the international search report

30/12/2004

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|------------|---|-----------------------|
| X | WO 02/064621 A (PLUNKETT MARIAN L ; ATTENUON LLC (US); DONATE FERNANDO (US); HARRIS SC) 22 August 2002 (2002-08-22) cited in the application page 22, line 26 - page 24 ----- | 1-31 |
| P,X | WO 03/077872 A (JUAREZ JOSE ; ATTENUON LLC (US); DONATE FERNANDO (US); MAZAR ANDREW P) 25 September 2003 (2003-09-25) page 19 ----- | 1-31 |
| A | US 2001/041670 A1 (SILVERSTEIN ROY L ET AL) 15 November 2001 (2001-11-15) paragraph '0035! ----- | 1-31 |
| A | -& SIMANTOV R ET AL: "Histidine-rich glycoprotein inhibits the antiangiogenic effect of thr" JOURNAL OF CLINICAL INVESTIGATION, NEW YORK, NY, US, vol. 107, no. 1, January 2001 (2001-01), pages 45-52, XP002902733 ISSN: 0021-9738 the whole document ----- | 1-31 |
| X,P | OLSSON ANNA-KARIN ET AL: "A fragment of histidine-rich glycoprotein is a potent inhibitor of tumor vascularization." CANCER RESEARCH, vol. 64, no. 2, 15 January 2004 (2004-01-15), pages 599-605, XP002310792 ISSN: 0008-5472 the whole document ----- | 1-44 |

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Box No. I Nucleotide and/or amino acid sequence(s) (Continuation of item 1.b of the first sheet)

1. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, the international search was carried out on the basis of:
 - a. type of material
 - ☒ a sequence listing
 - ☐ table(s) related to the sequence listing
 - b. format of material
 - ☒ In written format
 - ☒ In computer readable form
 - c. time of filing/furnishing
 - ☒ contained in the international application as filed
 - ☐ filed together with the international application in computer readable form
 - ☐ furnished subsequently to this Authority for the purpose of search
2. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
3. Additional comments:

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Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 39 and 44 are directed to a method of treatment of the human or animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Internal Application No

PCT/SE2004/001091

| Patent document cited in search report | | Publication date | Patent family member(s) | Publication date |
|---|----|---------------------|---|--|
| WO 02076486 | A | 03-10-2002 | CA 2436340 A1 EP 1357930 A2 WO 02076486 A2 JP 2004527242 T US 2002165131 A1 | 03-10-2002 05-11-2003 03-10-2002 09-09-2004 07-11-2002 |
| WO 02064621 | A | 22-08-2002 | CA 2438658 A1 EP 1365804 A2 WO 02064621 A2 US 2003082740 A1 | 22-08-2002 03-12-2003 22-08-2002 01-05-2003 |
| WO 03077872 | A | 25-09-2003 | WO 03077872 A2 | 25-09-2003 |
| US 2001041670 | A1 | 15-11-2001 | NONE | |